

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

<b>Title of Invention</b>	<b>METHOD AND SYSTEM FOR OBJECT-ORIENTED MANAGEMENT OF MULTI-DIMENSIONAL DATA</b>
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As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or  
☒ Application No. 10/613,534, filed on July 3, 2003,  
☐ as amended on \_\_\_\_\_ (if applicable);

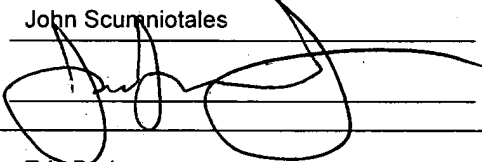
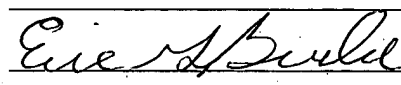
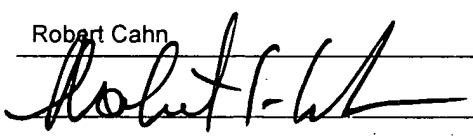
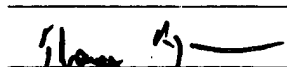
I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor one:	<u>John Scunniotales</u>	Citizen of:	<u>US</u>
Signature:		Date:	<u>11/17/2003</u>
Inventor two:	<u>Eric Burke</u>	Citizen of:	<u>US</u>
Signature:		Date:	<u>11/13/03</u>
Inventor three:	<u>Robert Cahn</u>	Citizen of:	<u>US</u>
Signature:		Date:	<u>11/14/2003</u>
Inventor four:	<u>Thomas Fannon</u>	Citizen of:	<u>US</u>
Signature:		Date:	<u>11/17/2003</u>

X Additional inventors or a legal representative are being named on 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: P.O. Box 1450, Alexandria, VA 22313-1450.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76)****ADDITIONAL INVENTOR(S)  
Supplemental Sheet**

Page 2 of 2

## FULL NAME OF INVENTOR(S)

Inventor five: Mitchel Burns

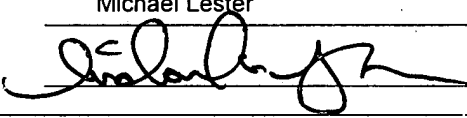
Citizen of: US

Signature: 

Date: 11/14/03

Inventor six: Michael Lester

Citizen of: US

Signature: 

Date: 11/14/03

Inventor seven: Jeff Hill

Citizen of: US

Signature: 

Date: 11/14/03

Inventor eight: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

☐ Additional inventors or a legal representative are being named on \_\_\_\_\_ additional form(s) attached hereto.



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PTO/SB/81 (06-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**ELECTION AND POWER OF  
ATTORNEY and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/613,534
Filing Date	July 3, 2003
First Named Inventor	John Scumniotales
Title	METHOD AND SYSTEM FOR OBJECT-ORIENTED MANAGEMENT OF MULTI- DIMENSIONAL DATA
Art Unit	3624
Examiner Name	
Attorney Docket Number	730128.401

I hereby appoint:

☒ Practitioners at Seed IP Law Group PLLC, Customer Number: **00500****OR**☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.**OR**☐ The address associated with Customer Number:**OR**☐ Firm or  
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*☒ As assignee of record of the entire interest I/we hereby elect, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor(s).**SIGNATURE of Applicant or Assignee of Record**

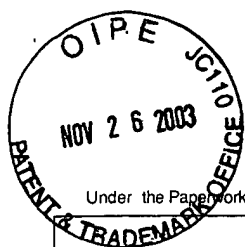
Name	Adam J. Goldblatt, Secretary and General Counsel
Signature	<i>Adam J. Goldblatt</i>
Date	<i>November 18, 2003</i>

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: John Scumniotales et al.Application No./Patent No.: 10/613,534 Filed/Issue Date: July 3, 2003Entitled: METHOD AND SYSTEM FOR OBJECT-ORIENTED MANAGEMENT OF MULTI-DIMENSIONAL DATAPacific Edge Software, Inc.

(Name of Assignee)

a

corporation(Type of Assignee, e.g., corporation, partnership,  
university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.  
The assignment was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the  
current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title noted in B above are  
attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be  
submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records  
of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

November 18, 2003  
Date

425-897-8800

Telephone Number

Adam J. Goldblatt

Typed or printed name

Signature

Secretary and General Counsel

Title

## ASSIGNMENT

WHEREAS, we, John Scumniotales, Eric Burke, Robert Cahn, Thomas Fannon, Mitchel Burns, Michael Lester, and Jeff Hill (hereinafter referred to as ASSIGNORS), having mailing addresses of 13439 179th Avenue Northeast, Redmond, Washington 98052; 2830 33rd Avenue South, Seattle, Washington 98144; 2279 Southwest 313th Street, Federal Way, Washington 98023; 27265 Northeast Quail Creek Drive, Redmond, Washington 98053; 16316 173rd Avenue Northeast, Woodinville, Washington 98072; 13340 Summit Avenue Southeast, Monroe, Washington 98272; and 6932 158th Street, Snohomish, Washington 98296, respectively, are the joint inventors of an invention entitled "METHOD AND SYSTEM FOR OBJECT-ORIENTED MANAGEMENT OF MULTI-DIMENSIONAL DATA," as described and claimed in the specification for which an application for United States letters patent was filed on July 3, 2003, and assigned Application No. 10/613,534;

WHEREAS, Pacific Edge Software, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at 2606 116th Avenue Northeast, Suite 100, Bellevue, Washington 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

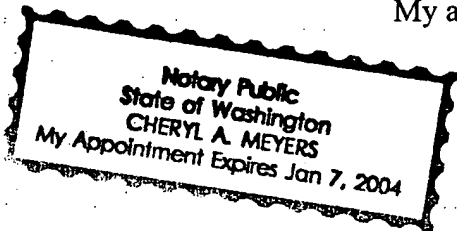
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all

instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date 11/17/2003 \_\_\_\_\_  
 State of Washington )  
 County of King ) ss. \_\_\_\_\_  
 John Scumniotales

I certify that I know or have satisfactory evidence that John Scumniotales is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 17, 2003 \_\_\_\_\_  
 Signature of Notary Public Ceryl Meyers \_\_\_\_\_  
 Printed Name Ceryl Meyers \_\_\_\_\_  
 My appointment expires January 7, 2004 \_\_\_\_\_



Date 11/13/03

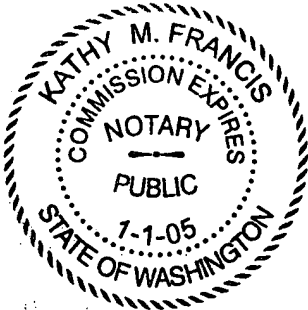
Eric Burke  
Eric Burke

State of Washington )

County of King )

ss.

I certify that I know or have satisfactory evidence that Eric Burke is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated November 13, 2003

Signature of Notary Public Kathy M. Francis

Printed Name KATHY M. FRANCIS

My appointment expires 1-1-05

11-14-2003  
Date

Robert Cahn  
Robert Cahn

State of Washington  
County of King

ss.

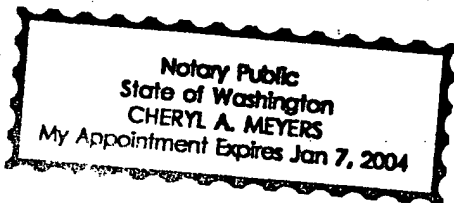
I certify that I know or have satisfactory evidence that Robert Cahn is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 14, 2003

Signature of  
Notary Public Cheryl Meyers

Printed Name Cheryl Meyers

My appointment expires January 7, 2004





11/17/03  
Date

Thomas Fannon  
Thomas Fannon

State of Washington)  
County of King)

ss.

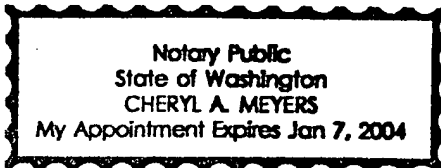
I certify that I know or have satisfactory evidence that Thomas Fannon is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 17, 2003

Signature of [Signature]  
Notary Public

Printed Name Cheryl Meyers

My appointment expires January 7, 2004



11-14-03  
Date

*Mitchel Burns*  
Mitchel Burns

State of Washington )

County of King )

ss.

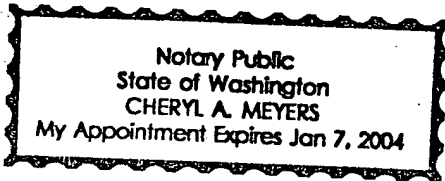
I certify that I know or have satisfactory evidence that Mitchel Burns is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 14, 2003

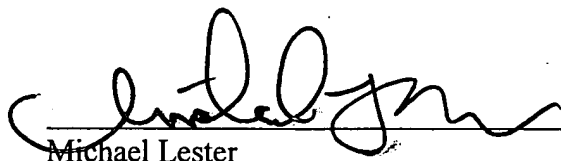
Signature of Notary Public *Cheryl Meyers*

Printed Name Cheryl Meyers

My appointment expires January 7, 2004



November 14, 2003  
Date

  
Michael Lester

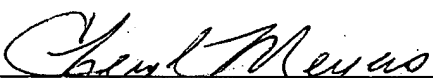
State of Washington )

County of King )

ss.

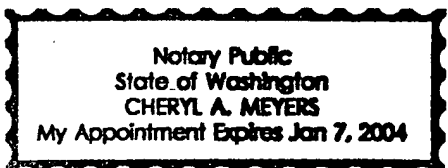
I certify that I know or have satisfactory evidence that Michael Lester is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 14, 2003

Signature of  
Notary Public 

Printed Name Cheryl Meyers

My appointment expires January 7, 2004



11/14/03  
Date

Jeff Hill  
Jeff Hill

State of Washington

County of King

SS.

I certify that I know or have satisfactory evidence that Jeff Hill is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 14, 2003

Signature of Notary Public Cheryl Meyers

Printed Name Cheryl Meyers

My appointment expires January 7, 2004

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(730128.401)

